

Teaching Professionals to sustain in the Teaching Learning Activities, Methods of Communication is most significant

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ABSTRACT

In communication process the sender encodes the message and then sends it to receivers who decodes the message. Effective communication skills can be acquired through training and practice. A teacher should make every effort to remain updated in subject area by independent reading communication is education and education is knowledge's Rapid progress in computer technology has invaded the arena of education. Technology continues to move forward. Teacher at one place can teach multiple students at different locations. On the inventions of computers in 1960s, we have experienced remarkable advancements. "When the students come out of the educational institutions, certain capacities are required to be built in them to deal with the real world, particularly to grow in their professional career and participate in the national development".

Keywords :- Communication, Compulsive, Gestural, Stimuli, Encodes, Decodes, Boosting, Explosion, Concentration, Productivity, Cornerstone, Ingrained.

Communication is the most integral part of human nature. Human beings have a compulsive urge to communicate with each other as more than 70% of their time is spent in communicating with others. No meaningful understanding is possible without communication of all the creatures, human beings have the ability and powers to express in words the evolution of mankind is basically the story of his/her progress in communication methods. Communication is the form of interaction that take place through symbols. The symbols may be gestural, pectoral, plastic, verbal or any other which operate as stimuli to behavior which would not be vacally the symbol itself in the special conditions of the persons who respond. In communication process, the sender encodes the message and then using a medium/channel, sends it to the receivers who decodes the message, and after processing the information, the receiver sends back appropriate feedback/reply using a medium/channel. Effective communication skills can be acquired through training and practice. A teacher can record his/her own audio and analyse the same for identifying the strengths and weaknesses in the spoken languages. He/she should remain open to

feedback from colleagues, superiors and students. This enables the teacher to plan, organize deliver and evaluate instructions based upon the sound principles of teaching, learning and thereby promote learning among students.

Desire to acquire proficiency in the knowledge and subject matter is a most for the teacher. In the words of Mahatma Gandhi:

'Live as you were to die tomorrow
Learn as if you were to live forever.

A teacher should make every effort to remain updated in his/her subject area by independent reading, participation in short term courses, attending classes of proficient teacher/experts, discussing subject related issues and problems with other colleagues and seniors, This helps in boosting the confidence in teachers.

Communication is education and education is knowledge. This is an age of knowledge explosion and exploration. Rapid progress in computer technology has invaded the arena of education technology has had a significant effect on the education system for many years. In the classroom we have

moved from the days of chalk and talk to the use of overhead projectors and more recently multimedia presentation techniques, Earlier, computers in education concentrated on individual instruction involving computer Assisted instruction (CAI). But the recent developments in education technology call for a more holistic and integrated models and approaches to the educational process. The new educational process. The new educational technologies have brought about changes in pedagogy and curriculum content, and have been instrumental in increased academic productivity and teaching effectiveness. Techniques like electronic lectures collaborative learning and teaching to teaching, students self assessment through automated interactive on-line teaching use of digital resource libraries and internet and world wide web are the educational and communicative tools and techniques of the future.

Technology continues to move forward. The development in computer technology has resulted in e-learning. It is a technology based distance learning programme conducted on-line wherein students can communicate with peers and instructors. Teacher at one place can teach multiple students at different locations and the students can receive constant feedback with a learning distance education is conducted through electronic components like computers, internet etc. This leads to the formation of a virtual university, which means there are no actual classrooms, no teachers or text-books, but it gives the impression of studying in the classroom. A member of educational institutions, especially in the developed countries are offering web-based instructions to reduce the costs. They are offering the associate degrees, bachelor degree, master degree as well as certificate courses. Learning materials including texts, graphics and animation is provided through the internet after the fees is received by the instruction. After receiving the password, the students can go through the course material, listen to the recorded lecture as well and submit assignments and projects on the internet.

Since the invention of computers in the 1960s, we have experienced remarkable advancements in semiconductor technology, which has made computing machines within the reach of the common man today. In the modern day education system fundamental knowledge of computers is considered as an essential

skills similar to basic mathematics. In various institutes, a wide variety of courses on computer science & engineering and information technology are being offered. To make the programme more relevant to societal and industrial needs through a continuous process the institute upgrade their curricula with inputs from various stakeholders. In recent years, computer technology has gone interdisciplinary in a big way, where we see application of artificial intelligence, machine learning and big data processing invading various engineering domains like civil and mechanical engineering, electronic and electrical engineering bioinformatics embedded systems and IoT, financial engineering, atmospheric & earth sciences and so on.

The nation needs experts in the field who on one hand can protect national assets from external attacks, and also mount cyber attack to counter them as and when required. Also it has been projected that the toy industry shall be one of the fastest growing in our country by various factors both political and technological, training embedded systems, internet of things and robotic technology can help in bridging this gap. In short courses in computer science and its variants are very important and shall continue to remain so in the foreseeable future The ministry of Education and its allied concern, The ministry of science and Technology and its various wings should come forward to strengthen such programmes and help the Nation brace the future with grace.

As the world opens up, at its own pace and in stages it is also making education its cornerstone where students are becoming increasingly aware of their responsibility towards their future professional life, safety and sustainability which is what they would study as well. Just like in the job world students are today being naturally imbibing two very important life skills, which are resilience and adaptability since these traits are being ingrained in students already thanks to the pandemic, they are already being prepared for a better tomorrow. Technical students know the value of being innovative in their approach, which also helps them, as also students in general to establish themselves in jobs. Looking into the future, some of the most important skills that employers will be looking for will be creativity, communication and collaboration, alongside empathy and emotional intelligence and being able to work across different institutions to

harness this power of the collective through effective teamwork will be the key studying today students have the added advantage of innate skills which are sometimes developed over time or through exposure now armed with native intelligence students have automatically up skilled themselves and are bound to do well in their careers later on. As the classroom slowly moves to the home, students today across all fields are well aware of the latest technological interventions when it comes to studying on line this is but a step towards technology being an enabler or educating future generation. Also as more and more students avail of on-line classroom facilities, big concern like Google and Zoom have also stepped in to up their ante when it comes to offering such facilities, Moreover educational institutions are also stepping up their on-line institutions are also stepping up their online presence and communications system to ensure that their students study extensively and do not miss out. Also considering the fact that the powers of technology are endless, the job prospects in the field are also multifold. So the fact of the matter is a strong technical education today could make us the leader of tomorrow.

Networking is yet another important aspect of preparing for beyond studies. In today's age, it is key to maintain contacts and reach out. Towards this extent, students are made to take help from external sources students are made to reach out to others for the successful completion of their assignments. Not only does this allows them to create their own network, but also builds their confidence and strengthens their beliefs then confidence and strengthens their beliefs in their abilities to take initiatives. The art of communication and networking is the bedrock of a successful career, as also any carrier initiatives taken up.

In fact, what we need in India is a combination of e-learning and classroom teaching techniques. The change must take place gradually. The programme has to be well designed so that it can take off by word of mouth. The challenge for most educational institutions that aspire to provide e-learning in India is to get a good program that meets the learners needs and then makes the cultural change in the way they learn. India is a multilingual country and most of the population in India knows vernacular languages.

However the content of e-learning or e-education is only in English. Hence to make e-learning successful in India the digitized text has to come in other languages also. Rural India can benefit only by establishing e-learning centers with content in national language and the users would be able to cross cultural boundaries by collaborating with learners from other cultures.

Conclusion:

Every era is remembered in history for its unique contribution. Like the Egyptians for their sculpture, Rome for its monuments. This are in future will be known as the electronic era and more so the era of information Technology. There was a time when computer science and information technology were considered to be elite technology were considered to be elite technical subjects which require a strong foundation in mathematics. It is no longer true now. ICT has become an essential component of Teacher Education in present day's context. ICT is the supreme gift of science to teacher education. ICT as other science deals with realities which serve as raw materials for structuring of experiences. Realities of life are as essential as thoughts to form one's own philosophy, Science is closely related to philosophy of education so also ICT to philosophy. It is possible to meet varied ideologies/philosophies using ICT in Teacher Education. The ICT attempts to achieve a harmonic synthesis of the modern world.

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